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FACSIMILE TRANSMITTAL SHEET (TRANSMITTAL TO USPTO)

Deliver to: Examiner Bryan Bui
 Firm Name: U.S. PATENT AND TRADEMARK OFFICE
 Fax Number: (571) 273-8300 Telephone No.: (571)272-2271
 From: Jan Little-Washington, Reg. No. 41,181
 Date: January 16, 2007 Time: _____
 Operator: Yuko Tanaka Matter: 4735.P005
 Number of pages including cover sheet: 15
 In Re Patent Application of: Soma et al.
 Application No.: 10/665,970 Confirmation No.: 8349
 Filed: September 18, 2003 Art Unit: 2863
 For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING
WAVELET-BASED PARAMETER EXTRACTION

Enclosed are the following documents:

- Amendment Transmittal**, in duplicate (4 pages)
- Response and Amendment** (10 page)

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A check in the amount of \$_____ is attached for presentation of additional claim(s).

Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to 37 C.F.R. § 1.136(a).

A check for \$_____ is attached for processing fees under 37 C.F.R. § 1.17.

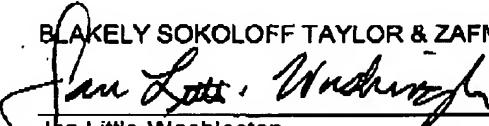
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Any extension or petition fees under 37 C.F.R. § 1.17.

Date: 1/16/2007

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Jan Little-Washington

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(206) 292-8600

Attorney's Docket No.: 4735.P005PatentIn re the Application of: Soma et al.
(inventor(s))Application No.: 10/665,970**AMENDMENT UNDER**

37 C.F.R. § 1.116

EXPEDITED PROCEDUREFiled: September 18, 2003**EXAMINING GROUP** 2800For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING WAVELET-BASED
PARAMETER EXTRACTION
(title)Mail Stop AF
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

SIR: Transmitted herewith is a Response and Amendment for the above-referenced application.

Applicant claims small entity status. See 37 CFR 1.27.

 No additional claim fee is required. **A Notice of Appeal is enclosed.**

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
Total Claims	*	30	Minus	** 38 0
Indep. Claims	*	8	Minus	*** 8 0
First Presentation of Multiple Dependent Claim(s)				

SMALL ENTITY	
Rate	Additional Fee
X25	\$
X100	\$
+180	\$
Total Add. Fee	\$

OTHER THAN A SMALL ENTITY	
Rate	Additional Fee
X50	\$ 0
X200	\$ 0
+360	\$
Total Add. Fee	\$ 0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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(Signature of person transmitting paper)

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Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to 37 C.F.R. § 1.136(a).

A check for \$ _____ is attached for processing fees under 37 C.F.R. § 1.17.

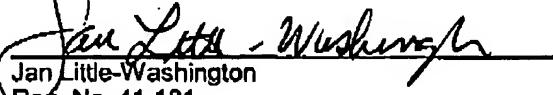
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Date: 1/16/2007

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Attorney's Docket No.: 4735.P005

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 Soma et al.) Examiner: Bui, Bryan
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 Application No.: 10/665,970) Art Unit: 2863
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 For: CHARACTERIZATION OF RADIO)
 FREQUENCY (RF) SIGNALS USING)
 WAVELET-BASED PARAMETER)
 EXTRACTION)

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 Commissioner for Patents
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 Alexandria, VA 22313-1450

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.116 AND 1.121

Sir or Madam:

In response to the Final Office Action mailed November 15, 2006, Applicants submit the following Amendment and Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.

4735.P005
 Serial No. 10/665,970

- 1 -

Examiner: Bui, Bryan.
 Art Unit: 2863

PAGE 6/15 * RCVD AT 1/16/2007 4:12:18 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/30 * DNIS:2738300 * CSID:2062928606 * DURATION (mm:ss):02:20